

**IAPI Rec'd PCT/PTO 18 MAY 2006**

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> <b>96605/32US</b> <small>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)</small> <b>10/579640</b>
<b>INTERNATIONAL APPLICATION NO.</b> PCT/US04/38808	<b>INTERNATIONAL FILING DATE</b> 19 November 2004 (11.19.2004)	<b>PRIORITY DATE CLAIMED</b> 20 November 2003 (11.19.2003)
<b>TITLE OF METHOD FOR STABILIZATION OF BIOLOGICAL CULTURES TO ALLOW BIOLOGICAL TREATMENT OF BRINES</b>		
<b>APPLICANT(S) FOR DO/EO/US: Deborah J. Roberts, Dennis A. Clifford, Xiaohua Lin, Thomas Gillogly, Lee Aldridge, and Stewart Lehman</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371)(f). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as file (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4)..</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> has not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input checked="" type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4).</li> </ol>		

U.S. APPLICATION NO. (if known) <b>10/578640</b> (37 CFR 1.5)		INTERNATIONAL APPLICATION NO. <b>PCT/US2004/17940</b>		ATTORNEY DOCKET NUMBER <b>98006/27US</b>	
<b>RECEIVED USPTO 18 MAY 2006</b>					
20. Other items or information: PCT/IB/311; PCT/IB/332; PCT/IPEA/401; and PCT/IB/311. Please associate with application with Customer Number 23873.					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) <span style="float: right;">\$300</span>				\$300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 DCR 1.492(c)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) <span style="float: right;">\$0</span> All other situations <span style="float: right;">\$200</span>				\$200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) <span style="float: right;">\$0</span> Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority <span style="float: right;">\$100</span> International Search Report prepared by ISA other than the US and provided to the Office or previously communicated to the US by the IB <span style="float: right;">\$400</span> All other situations <span style="float: right;">\$500</span>				\$400.00	
<b>Total of 21, 22 and 23 =</b>				<b>\$900.00</b>	
<input checked="" type="checkbox"/> Additional fee for specification and drawing filed in paper of 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
78-100 = 0		0		x \$250.00	\$0.00
Surcharge of \$310.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national phase (37 CFR 1.492(h)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	30	10	x \$50.00	\$500.00	
Independent claims	5	2	x \$200.00	\$400.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) <span style="float: right;">x \$360.00</span>					
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$900.00</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				<b>\$900.00</b>	
<b>SUBTOTAL =</b>				<b>\$900.00</b>	
Prosecuting fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority data (37 CFR 1.492(f)). <span style="float: right;">+</span>				<b>\$0.00</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$900.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property <span style="float: right;">+</span>				<b>\$0.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$900.00</b>	
<b>Please associate with application with Customer Number 23873.</b>				Amount to be refunded:	
				Amount to be charged:	

80/579640

- a. ☒ A check in the amount of \$ 900 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ In the amount of \$ \_\_\_\_\_ to cover the above fees.
- c. ☒ The Commissioner is hereby authorized to charge any additional fee which may be required, or credit any overpayment to Deposit Account No. 501518. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information of this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.497 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NO. 23873

  
SIGNATURE

Robert W. Strozier

NAME

34,024

REGISTRATION NUMBER

10/579640

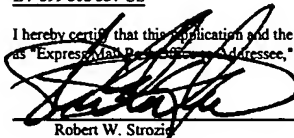
ROBERT W. STROZIER, P.L.L.C. MAY 18 2006

A FIRM SPECIALIZING IN INTELLECTUAL PROPERTY LAW INCLUDING  
PATENT, TRADEMARK, COPYRIGHT, TRADE SECRET LAW,  
UNFAIR COMPETITION AND RELATED MATTERS

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May 18, 2006

EV 599 505 337 US	CERTIFICATION UNDER 37 C.F.R. § 1.10	18 May 2006 Date of Deposit
I hereby certify that this application and the documents referred to as enclosed therein are being deposited with the United States Postal Service in an envelope as "Express Mail Registered Addressee," addressed to:		
 Robert W. Strozier	Commissioner for Patents MS PCT P.O. Box 1450 Alexandria, VA 22313-1450	18 May 2006 Date of Signature

Honorable Commissioner for Patents  
MS NEW PATENT APPLICATION  
P.O. Box 14750  
Alexandria, VA 22313-1450

Attorney Docket No:  
96605/32US

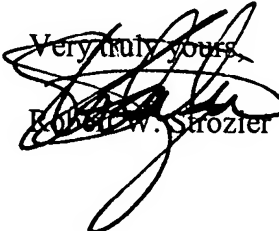
RE: US SN: ; FD:  
Priority PCT SN: PCT/US04/38808; FD: 11/19/2004  
US PSN: 60/523,637; FD: 11/20/2003  
Title: METHOD FOR STABILIZATION OF BIOLOGICAL CULTURES  
TO ALLOW BIOLOGICAL TREATMENT OF BRINES  
UHID No.: 2004-007  
Our Ref. No.: 96605/32PCT

Dear Sir/Madam:

This letter is a request to file a **Utility Patent Application** under 37 U.S.C. § 371 including:  
(1) FORM PTO-1390; (2) Copy of Demand as filed; (3) Copy of PCT/IB/332; (4) a Preliminary Amendment; (5) Copy of PCT/IB/311; (6) Copy of PCT/IB/311; (7) Copy of PCT Published Application WO02085414; and (8) a Return Receipt Postcard.

Please address all correspondence in connection with this application to the address information associated with customer number:

23873

Very truly yours,  
  
Robert W. Strozier

RWS/sls

Enclosures:

FORM PTO-1390 PCT Nationalization under 35 USC 371  
Listed PCT Documents  
Return Self-Addressed Stamped Postcard